Since 1987, BioServe has designed, built, and flown microgravity life science research and hardware on 50 space flight missions. The center has a full suite of space-flight certified hardware available for use by its customers and partners. Past partners include pharmaceutical and biotechnology companies as well as universities and NASA funded researchers. The Center is a full-service, turn-key organization that enables its customers and partners to focus solely on research development while BioServe manages all other activities required to successfully fly experiments in microgravity. Currently, BioServe launches research payloads to the International Space Station (ISS) on board SpaceX Dragon and Orbital ATK Cygnus spacecraft. Results of their ISS research are expected to provide benefits here on Earth.

**KEY CAPABILITIES:**
- Full suite of flight-certified hardware
- End-to-end mission support
- Science and technical expertise
- Payload operations center at CU

BioServe is a full-service center internationally known for conducting microgravity life science research and designing and developing space flight hardware to support that research.

**SUPPORTING HIGH-IMPACT SPACE LIFE SCIENCE RESEARCH**

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**EXPERTISE IN:**
- Molecular Processes
- Microbial Systems
- Vaccine Development
- Antibiotic Testing
- Immunology
- Plant Development and Adaptation to Microgravity
- 3-Dimensional Cell and Tissue Culture
- Muscle and Bone Loss
- Nematodes, Fruit Flies and Other Model Organisms
- K-16 Education Payloads